

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3396	(SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 16:14
S5	0	106/38.22.ccls. and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 15:09

## EAST Search History

S6	0	106/38.2.ccls. and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 14:51
S7	392	laminare and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 15:08

## EAST Search History

S9	4933	(SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) OR (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and 106/38.22.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 15:11
S10	0	(SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and 106/38.22.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 15:11

## EAST Search History

S11	81	((SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) OR (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)) and 106/38.22.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 15:11
S12	338	(glass?ceramic or glass near matrix and ceramic near filler and crystal\$3) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 09:36

## EAST Search History

S13	7	ltcc and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 15:33
S14	7	low temperature co\$1fired ceramic and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 15:34

## EAST Search History

S15	484	(SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) same (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) same (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) same (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) same (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) same (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) same (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 16:06
S16	9	(SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) same (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) same (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) same (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) same (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) same (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) same (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia) and aluminum nitride	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 16:07

## EAST Search History

S17	5	(ceramic foil or ceramic laminate or microhybrid) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li <sub>2</sub> O or "Li.sub.2 O" or "Li.sub.2O" or Li <sub>2</sub> O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P <sub>2</sub> O <sub>5</sub> or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P <sub>2</sub> O <sub>5</sub> or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb <sub>2</sub> O <sub>3</sub> or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb <sub>2</sub> O <sub>3</sub> or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO <sub>2</sub> or "ZrO.sub.2" or ZrO <sub>2</sub> or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 16:20
S18	81	501/7.ccls. and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li <sub>2</sub> O or "Li.sub.2 O" or "Li.sub.2O" or Li <sub>2</sub> O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B <sub>2</sub> O <sub>3</sub> or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P <sub>2</sub> O <sub>5</sub> or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P <sub>2</sub> O <sub>5</sub> or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb <sub>2</sub> O <sub>3</sub> or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb <sub>2</sub> O <sub>3</sub> or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO <sub>2</sub> or "ZrO.sub.2" or ZrO <sub>2</sub> or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 08:20

## EAST Search History

S19	81	501/7,264/646,647.ccls. and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 08:21
S20	81	501/7;264/646,647.ccls. and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 08:22



## EAST Search History

S21	1	(501/7.ccls or 264/646,647.ccls.) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 08:22
S22	1	264/646,647.ccls. and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:52
S24	2	(5534470 6458734).pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 08:40
S25	11	("4861734"   "5112777"   "5256603").PN. OR ("5534470").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 08:34

## EAST Search History

S26	3	(5534470 6458734 5242867).pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 08:40
S27	5	(4861734 5112777 5256603 3006775).pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 09:11
S28	11	(US-20020045527-\$ or US-20030073563-\$ or US-20030050173-\$).did. or (US-5534470-\$ or US-6492288-\$ or US-6506699-\$ or US-3673049-\$ or US-6524982-\$ or US-6514890-\$ or US-6458729-\$ or US-3006775-\$). did.	US-PGPUB; USPAT	ADJ	ON	2007/09/11 09:32
S29	8	aluminum nitride and (US-20020045527-\$ or US-20030073563-\$ or US-20030050173-\$).did. or (US-5534470-\$ or US-6492288-\$ or US-6506699-\$ or US-3673049-\$ or US-6524982-\$ or US-6514890-\$ or US-6458729-\$ or US-3006775-\$). did.	US-PGPUB; USPAT	ADJ	ON	2007/09/11 09:34
S30	0	aluminum nitride and ((US-20020045527-\$ or US-20030073563-\$ or US-20030050173-\$).did. or (US-5534470-\$ or US-6492288-\$ or US-6506699-\$ or US-3673049-\$ or US-6524982-\$ or US-6514890-\$ or US-6458729-\$ or US-3006775-\$). did.)	US-PGPUB; USPAT	ADJ	ON	2007/09/11 09:34
S31	0	AIN and ((US-20020045527-\$ or US-20030073563-\$ or US-20030050173-\$).did. or (US-5534470-\$ or US-6492288-\$ or US-6506699-\$ or US-3673049-\$ or US-6524982-\$ or US-6514890-\$ or US-6458729-\$ or US-3006775-\$). did.)	US-PGPUB; USPAT	ADJ	ON	2007/09/11 09:35

## EAST Search History

S32	33	(aluminum nitride or AlN) and (glass?ceramic or glass near matrix and ceramic near filler and crystal\$3) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) and (B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) and (P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or P2O5 or "P.sub.2 O.sub.5" or "P.sub.2O.sub.5" or phosphate or phosphorus) and (Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or Sb2O3 or "Sb.sub.2 O.sub.3" or "Sb.sub.2O.sub.3" or antimony) and (ZrO2 or "ZrO.sub.2" or ZrO2 or "ZrO.sub.2" or zirconium or zirconia)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 09:45
S33	315	(aluminum nitride or AlN) and (glass?ceramic or glass near matrix and ceramic near filler and crystal\$3) and coating	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 09:50
S34	1641	(aluminum nitride or AlN) and (glass?ceramic or glass near matrix and ceramic near filler and crystal\$3 or composite) and coating and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium or Li)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 09:51
S35	1549	(aluminum nitride or AlN) and (glass?ceramic or glass near matrix and ceramic near filler and crystal\$3 or composite) and coating and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium or Li) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 10:03

## EAST Search History

S36	1145	((aluminum nitride or AlN) same (coating or coat or film or layer)) and (glass?ceramic or glass near matrix and ceramic near filler and crystal\$3 or composite) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium or Li) and (SiO2 or "SiO.sub.2" or SiO2 or "Si0.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 0.sub.3" or "Al.sub.20.sub.3" or alumina or aluminum)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 10:05
S37	237	((aluminum nitride or AlN) same (coating or coat or film or layer)) and (glass?ceramic or glass near matrix and ceramic near filler and crystal\$3 or composite) and (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium or Li) and (SiO2 or "SiO.sub.2" or SiO2 or "Si0.sub.2" or silica or silicon or quartz) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 0.sub.3" or "Al.sub.20.sub.3" or alumina or aluminum) and (glass\$ceramic or ceramic composite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 10:14
S38	1	09/610618.app.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/11 14:47
S39	0	09/610618.app.	US-PGPUB	ADJ	ON	2007/09/11 14:47
S40	1	09/610618.app.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/09/11 14:47
S41	0	09/610618.app.	DERWENT	ADJ	ON	2007/09/11 14:48
S42	1	"6514890"	DERWENT	ADJ	ON	2007/09/11 14:52
S43	6	minolta.as. and glass ceramic\$1	DERWENT	ADJ	ON	2007/09/11 14:53
S44	64	minolta.as. and glass ceramic\$1	US-PGPUB; USPAT	ADJ	ON	2007/09/11 14:53
S46	4	106/38.22.ccls. and (aluminum nitride or AlN)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:47
S47	4	(aluminum nitride or AlN) and 106/38.22.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:48

## EAST Search History

S48	0	ltcc and 106/38.22.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:48
S49	1	ltcc and "10523251"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:49
S50	7	501/7.ccls. and (aluminum nitride or AlN)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:49
S51	61	264/646,647.ccls. and (aluminum nitride or AlN)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:54
S59	70	361/739.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:58
S60	0	361/739.ccls. (aluminum nitride or AlN)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 09:58
S63	0	257/e23.063 and (aluminum nitride or AlN)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/12 10:03
S64	23	glass\$1ceramic and (aluminum nitride or AlN)	DERWENT	ADJ	ON	2007/09/12 10:17
S65	543	glass\$1ceramic and (aluminum nitride or AlN)	US-PGPUB; USPAT	ADJ	ON	2007/09/12 10:18
S66	57	glass\$1ceramic and (aluminum nitride or AlN) and li	US-PGPUB; USPAT	ADJ	ON	2007/09/12 10:33
S67	0	glass\$1ceramic and (aluminum nitride or AlN) near ("100" nm or S54 micrometer)	US-PGPUB; USPAT	ADJ	ON	2007/09/12 10:34
S68	1	glass\$1ceramic and (aluminum nitride or AlN) near nm	US-PGPUB; USPAT	ADJ	ON	2007/09/12 10:34
S69	10	glass\$1ceramic and (aluminum nitride or AlN) same nm	US-PGPUB; USPAT	ADJ	ON	2007/09/12 13:50
S70	310	glass\$1ceramic and (aluminum nitride or AlN) and coating	US-PGPUB; USPAT	ADJ	ON	2007/09/12 13:50
S71	80	glass\$1ceramic and (aluminum nitride or AlN) same coating	US-PGPUB; USPAT	ADJ	ON	2007/09/12 13:51
S72	6	glass\$1ceramic and (aluminum nitride or AlN) near coating	US-PGPUB; USPAT	ADJ	ON	2007/09/12 13:51